



Hoisting Mechanism

Max. hoisting speed	80m/min
Max. tractive force	15.5KN
Reducer ratio	10.35
Motor	
Rated power	24/24/5.4KW
Rated speed	1420/710/160rpm

Slewing Mechanism

Slewing speed	0~0.62rpm
Reducer ratio	147
Motor	
Rated power	3.7KW×2
Rated speed	1000rpm
Output gear	
Module	10
Number of teeth	15

Main Technical Specification

Rated load moment	630KN·m
Max. working radius	56m
Independent height	41m
Max. height	141m
Max. lifting capacity	6000Kg
Size of mast section	1835×1835×2500mm

Trolleying Mechanism

Max. luffing speed	40m/min
Reducer ratio	49
Motor	
Rated power	3.3/2.2KW
Rated speed	1440/720rpm

Rated Lifting Load Capacity

m	2.5-15.2	20	25	30	35	40	45	50	56	
5t 15.2m	t	5	3.64	2.82	2.26	1.87	1.58	1.36	1.18	1.00
3t 24.0m	t	3	3	2.88	2.32	1.93	1.64	1.42	1.24	1.00

Climbing Mechanism

Motor	
Rated power	5.5/7.5KW
Rated speed	1440rpm

Hydraulic pump	
Hydraulic flow rate	14L/min
Hydraulic pressure	20MPa

Climbing hydraulic cylinder	
Diameter	160mm
Stroke	1600mm

m	2.5-15.0	20	25	30	35	40	45	50	
6t 15.0m	t	6	4.36	3.30	2.64	2.15	1.80	1.52	1.30
3t 28.0m	t	3	3	3	2.70	2.21	1.86	1.58	1.36

m	2.5-15.5	20	25	30	35	40	45	
6t 15.5m	t	6	4.18	3.23	2.62	2.18	1.85	1.60
3t 29.0m	t	3	3	3	2.68	2.24	1.91	1.66